

| L<br>Number | Hits  | Search Text  | DB                              | Time stamp          |
|-------------|-------|--|---------------------------------|---------------------|
| 7           | 4260  | 385/14,43.ccls.  | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2004/02/18<br>10:02 |
| 8           | 523   | (taper\$5 near4 waveguide) and substrate and cladding and core   | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2004/02/18<br>10:03 |
| 9           | 148   | 385/14,43.ccls. and ((taper\$5 near4 waveguide) and substrate and cladding and core )  | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2004/02/18<br>10:03 |
|             | 410   | (taper\$5 near4 waveguide) and substrate and cladding and core   | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2004/02/18<br>10:02 |
|             | 46642 | 385/\$6.ccls.  | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2003/05/12<br>14:05 |
|             | 90    | 385/129,130,131,132,133.ccls. and ((taper\$5 near4 waveguide) and substrate and cladding and core )  | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2004/02/18<br>10:02 |
|             | 311   | 385/\$6.ccls. and ((taper\$5 near4 waveguide) and substrate and cladding and core )  | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2003/05/13<br>15:41 |
|             | 4405  | 385/49,50,129,130,131,132,133.ccls.  | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2003/05/12<br>14:27 |
|             | 138   | 385/49,50,129,130,131,132,133.ccls. and ((taper\$5 near4 waveguide) and substrate and cladding and core )  | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2003/05/12<br>14:28 |
|             | 489   | (taper\$5 with waveguide) and substrate and cladding and core  | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2003/05/12<br>14:29 |
|             | 463   | (taper\$5 near8 waveguide) and substrate and cladding and core   | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2003/05/12<br>17:09 |
|             | 199   | (taper\$5 near8 waveguide) and substrate and cladding and core and etch\$4 and mask  | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2003/05/12<br>17:10 |
|             | 146   | 385/\$6.ccls. and ((taper\$5 near8 waveguide) and substrate and cladding and core and etch\$4 and mask)  | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2003/10/29<br>13:31 |
|             | 16    | (US-6456766-\$ or US-6411757-\$ or US-6112002-\$ or US-6028973-\$ or US-6003222-\$ or US-5987046-\$ or US-5930433-\$ or US-5878070-\$ or US-5737474-\$ or US-5515464-\$ or US-5332690-\$ or US-6452726-\$).did. or (US-20030044118-\$ or US-20030021569-\$ or US-20020168166-\$ or US-20020141682-\$).did. | USPAT;<br>US-PGPUB              | 2003/05/13<br>14:24 |

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|---|---------|--|---------------------------|------------------|
| - | 6       | ((US-6456766-\$ or US-6411757-\$ or US-6112002-\$ or US-6028973-\$ or US-6003222-\$ or US-5987046-\$ or US-5930433-\$ or US-5878070-\$ or US-5737474-\$ or US-5515464-\$ or US-5332690-\$ or US-6452726-\$).did. or (US-20030044118-\$ or US-20030021569-\$ or US-20020168166-\$ or US-20020141682-\$).did.) and RIE             | USPAT; US-PGPUB; EPO; JPO | 2003/05/13 14:25 |
| - | 0       | ((US-6456766-\$ or US-6411757-\$ or US-6112002-\$ or US-6028973-\$ or US-6003222-\$ or US-5987046-\$ or US-5930433-\$ or US-5878070-\$ or US-5737474-\$ or US-5515464-\$ or US-5332690-\$ or US-6452726-\$).did. or (US-20030044118-\$ or US-20030021569-\$ or US-20020168166-\$ or US-20020141682-\$).did.) and (RIE near8 lag) | USPAT; US-PGPUB; EPO; JPO | 2003/05/13 14:25 |
| - | 1007    | 385/\$6.ccls. and (taper\$5 near6 waveguide)   | USPAT; US-PGPUB; EPO; JPO | 2003/05/13 15:45 |
| - | 1       | 5515464.pn.  | USPAT; US-PGPUB; EPO; JPO | 2003/10/29 13:16 |
| - | 410     | 385/\$6.ccls. and ((taper\$5 near8 waveguide) and substrate and cladding and core)   | USPAT; US-PGPUB; EPO; JPO | 2003/10/29 16:34 |
| - | 492     | 385/\$6.ccls. and ((taper\$5 near8 (waveguide or core)) and substrate and cladding and core)   | USPAT; US-PGPUB; EPO; JPO | 2003/10/29 16:35 |
| - | 215     | 385/\$6.ccls. and ((taper\$5 near8 (core)) and substrate and cladding and core)  | USPAT; US-PGPUB; EPO; JPO | 2003/10/29 16:35 |
| - | 1       | 6624077.pn. and mask   | USPAT; US-PGPUB; EPO; JPO | 2003/11/12 13:32 |
| - | 1       | 6624077.pn. and (polymer or silica or silicon)   | USPAT; US-PGPUB; EPO; JPO | 2003/11/12 13:32 |
| - | 523     | (taper\$5 near4 waveguide) and substrate and cladding and core   | USPAT; US-PGPUB; EPO; JPO | 2004/02/13 11:49 |
| - | 1632473 | trench or groove or channel or trough  | USPAT; US-PGPUB; EPO; JPO | 2004/02/13 11:53 |
| - | 407     | ((taper\$5 near4 waveguide) and substrate and cladding and core ) and (trench or groove or channel or trough)  | USPAT; US-PGPUB; EPO; JPO | 2004/02/17 11:35 |
| - | 1       | 6112002.pn. and etch\$6  | USPAT; US-PGPUB; EPO; JPO | 2004/02/17 10:53 |

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|---|------------|--|--|-----------------------------------|
| - | <b>156</b> | ((taper\$5 near4 waveguide) and substrate and cladding and core ) and ((trench or groove or channel or trough) with etch\$6)<br><b>6624077.URPN.</b> | <b>USPAT;</b><br><b>US-PGPUB;</b><br><b>EPO; JPO</b><br><b>USPAT</b> | <b>2004/02/17</b><br><b>11:36</b> |
| - | <b>0</b>   |  |  | <b>2004/02/17</b><br><b>12:31</b> |
| - | <b>11</b>  | ("4426129"   "4578097"   "4709986"  <br>"4896930"   "4904052"   "5263111"  <br>"5333229"   "5366530"   "5465860"  <br>"5770465"   "6097870").PN.     | <b>USPAT</b>   | <b>2004/02/17</b><br><b>12:31</b> |